

LED UNDERGROUND LIGHT

ITEM NO.: LUL - GM1/2/3

INSTRUCTION OF LED UNDERGROUND LIGHT

The product are widely used in the decorative lighting for piazza, restaurants, private villas, garden, conference room, exhibition hall, beautify the area environment, stage bar, shopping mall, parkingsculpture, the tourist attractions.

A. Specification

A-1. Structure

Materials of Shell: 316 stainless steel+aluminum housing

Power Factor:>0.97

Power Efficiency:>90%

Input voltage: DC12V/DC24V

Protecting Rate: IP65(GM2,GM3)

IP67(GM1)

Operating Temperature: -20°C~50°C



LUL-GM1



LUL-GM2



LUL-GM3

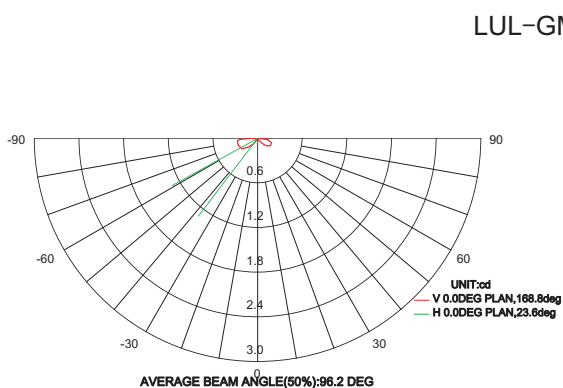


A-2. Model Configuration Table

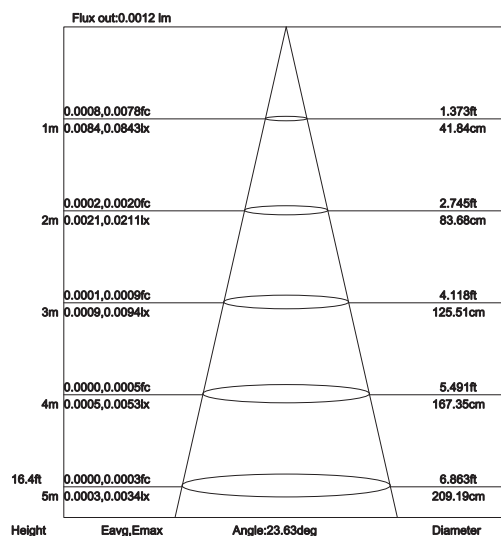
Model No.	LED Color	Input Voltage	LED Quantity	Power Consumption	Beam angle	Size	Weight	✓
LUL-GM1	WW / W / NW	24V DC	6SMD 5630	3 WATTS	120°	D116xH91mm	1.2kg±5%	
LUL-GM2	WW / W / NW	24V DC	6SMD 5630	3 WATTS	120°	D116xH91mm	1.2kg±5%	
LUL-GM3	WW / W / NW	24V DC	6SMD 5630	3 WATTS	120°	D116xH91mm	1.2kg±5%	

B.Photometrics Parameters

B-1. Distribution Curve



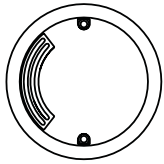
B-2.Illuminance at a distance



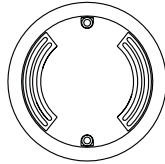
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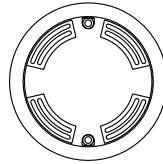
C. Dimension drawing



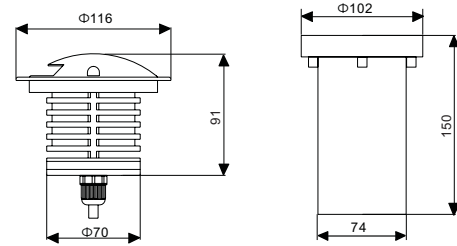
LUL-GM1



LUL-GM2



LUL-GM3

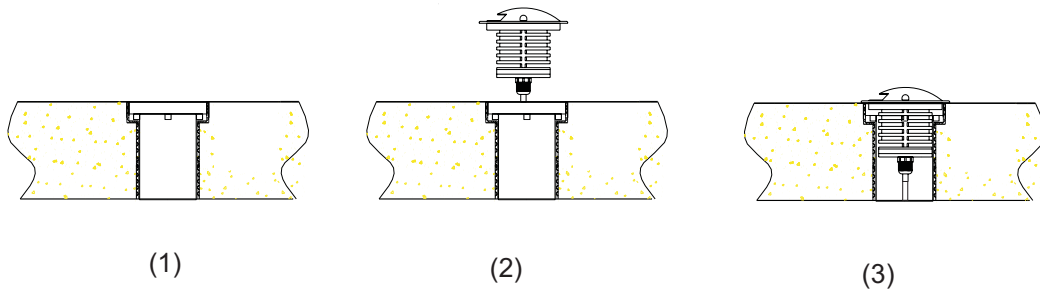


Unit : mm

Embedded Part

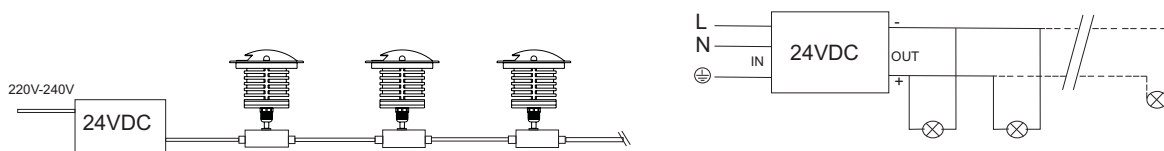
D. Installation and Connection

D-1. Installation Steps



1. Make holes in the installation place according to embedded part, pls note:
Every light has supporting sheet which is used for protecting embedded part well because of pressure of cement or other heavy (like picture shown)
2. Power the light well according to the voltage of light(24VDC) and make waterproof treatment well.
3. Put light into embedded part and screw them well;

D-2. Connection

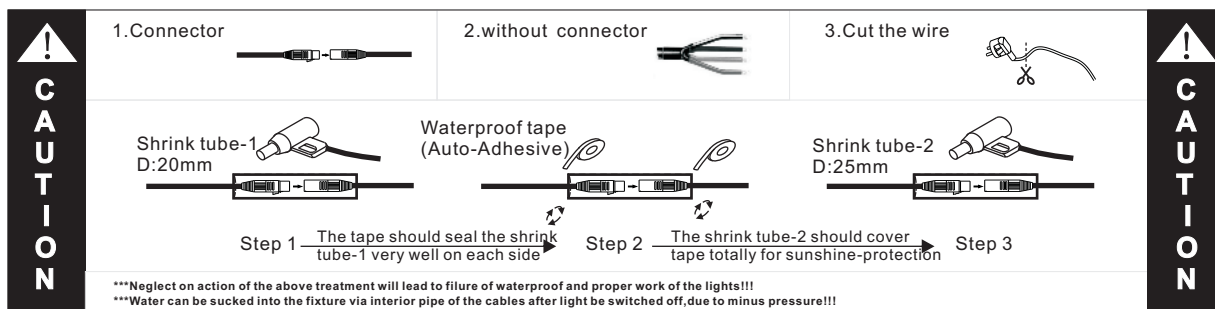


E. Waterproof treatment (don't put joint part in water)

The wire joint must be sealed with a 20mm thermal shrinking tube, blow and shrink it with a hair driers; thence wrapped with waterproof tape (auto-adhesive, please refer to below instruction for operation) on both side; Blow the second 25mm shrink tube at last so as to protect waterproof tape under sunshine and guarantee the waterproof validity. For detailed instruction pls refer to below picture:

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*** Power connector should be treated in the same way if available!!!

*** IP68 connector does not require above treatment, but you connect a threaded twist quite well to prevent operational errors lead to joint water

Caution:

- 1.Only professional people to make installation,pls check the fixture well before installation;
- 2.Pls install the lights according to this datasheet carefully, screw the light well and connect the wire correctly.

Warning:

- * neglect on action of the above treatment will lead to failure of waterproof and proper working of the lights!!
- * Make sure the ground connection well avoid electric shock, due to metal housing.

Note: The above instruction are subject to update or improved without notice.Pls turn to our staff for further details !
Thanks for your long term support !